

GASHINSKIY, V.; SLAVSKIY, E.

Seven victories in ten competitions. Za rul. 20 no.3:14 Mr
'62. (MIRA 15:3)
(Karting)

SLAVSKIY, G.

USSR/Radio - Wired Radio Centers

Oct 51

"The Wired Radio Center 'Student,'" G. Slavskiy

"Radio" No 10, pp 18-21

Describes the low-power wired radio center "Student," which was designed by students of the Leningrad Polytech Inst imeni Kalinin for radiofication of small villages in Leningrad Oblast. The receiver is pretuned to 2 Leningrad stations (1271 and 375 m) and one Moscow station (1734 m). The amplifier is a modified PU-47 motion picture amplifier and can drive 40-50 Rekord loud-speakers.

208T51

SLAVSKIY, G.N.

Tensometric unit with magnetic amplifiers for operation with
strain gauges. Zav.lab.21 no.11:1382-1384 '55. (MLRA 9:2)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotehniki
imeni B.Ye.Vedeneyeva.
(Tensiometers) (Strain gauge)

SOV/115-58-1-14/50

AUTHORS: Tsobkallo, S.O., Slavskiy, G.N., and Chetyrkina, N.A.

TITLE: A New Device for Measuring the Modulus of Elasticity of Sheet Materials (Novyy pribor dlya izmereniya modulya uprugosti listovykh materialov)

PERIODICAL: Izmeritel'naya tekhnika, 1958, Nr 1, pp 24 - 27 (USSR)

ABSTRACT: The article describes a new device (developed by the authors) for measuring the modulus of elasticity under high temperatures of highly flexible sheet materials of 0.1 to 0.8 mm thickness such as are used for instrument parts like membranes or flat springs. The device comprises an electric oven for heating the specimens, a photoelectric pickup, an electronic computing device and a cathode oscilloscope. It automatically measures the damping infra-sonic oscillations of a specimen held in the electric oven. The relative measurement error of the device is between 0.5 and 1%; the ratio E_t/E_0 (the elasticity modulus at normal temperature to the elasticity modulus at high temperature) was determined with an error of below 1%. N.N. Davidenkov gave consultations in the

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A New Device for Measuring the Modulus of Elasticity of Sheet Materials SOV/115-58-1-14/50

process of the author's work. Z.A. Vashchenko, V.N. Sizov,
V.A. Chelnokov and O.K. Shabinskaya assisted in manufacturing
and operating the device. There are 2 diagrams, 1 photo-
graph and 7 Soviet references.

1. Materials--Inspection
2. Elasticity--Measurement
3. Laboratory equipment--Operation

Card 2/2

9.6000

S/112/59/000/012/059/097
A052/A001

Translation from: Referativnyy zhurnal, Elektrotehnika, 1959, No. 12, p. 160,
25019

AUTHORS: Slavskiy, G.N., Soltamov, U.B.

TITLE: Some Operation and Control Electronic Circuits Useful for Research Practice

PERIODICAL: Nauchno-tekhnik. inform. byul. Leningr. politekhn. in-t, 1958, No. 5,
pp. 28-35

TEXT: Operation and control circuits are described. 1. Bipolar-electronic commutator in which crystal diodes are used as commutating elements; as commutating voltage is used the step-like voltage from a special generator generating up to 7 steps of 50-80 milliseconds duration each in a cycle. 2. A circuit for separating one pulse out of a sequence of pulses; the circuit consists of a tube switch, univibrator and a trigger. 3. A device for the 1-f voltage amplitude stabilization. The device secures the output voltage stability within $\pm 0.5\%$ at an input voltage level changing within $\pm 25\%$. 4. A circuit for a continuous

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S/112/59/000/012/059/097
A052/A001

Some Operation and Control Electronic Circuits Useful for Research Practice

operational control of the pulse sequence frequency dividers. 5. A device for controlling the continuity of pulse sequence with a neon tube signalization. A device for indicating a breakdown of the resistance pickup when the strain measuring station operates on alternating current. There are 8 illustrations and 3 references.

V.Ye.Kh.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

SLAVSKIY, G.N.

Electronic control of BS-01 and BS-02 balancing machines. Bumago-del.mash. no.6:169-174 '58. (MIRA 13:8)
(Balancing of machinery)
(Papermaking machinery)

SLAVSKIY, G.N.; ZHILKIN, G.V.; KOLESNIKOVA, I.A.

Wide-band RC and RC-RL filters for audio-band frequencies. Trudy LPI
no.194:184-194 '58. (MIRA 11:11)
(Radio filters)

SLAVSKIY, G.N.; BOGOMOLOV, V.N.; GAVRA, T.D.; SERENKOV, Yu.I.

Possibilities for using semiconductors in radio electronics.
Trudy LPI no.194:195-209 '58. (MIRA 11:11)
(Semiconductors)

9.6000

69079

S/120/60/000/01/016/051

E192/E382

AUTHORS: Slavskiy, G.N. and Soltamov, U.B.

TITLE: A Circuit for Instantaneous Control of a Sinusoidal Signal by Determining its Minimum

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, Nr 1,
pp 64 - 65 (USSR)

ABSTRACT: It is sometimes necessary to employ an electronic device which determines the instant corresponding to the transition of the amplitude of a sinusoidal signal below a predetermined value. A circuit of this type is shown in Figure 1. A sinusoidal signal of frequency f is applied to the input of a Schmitt trigger consisting of the first two tubes (see the figure). This is followed by a univibrator. If the amplitude of the input signal exceeds a certain level U_+ , whose value can be set by the potentiometer R_1 , a train of rectangular pulses is obtained at the output of the Schmitt trigger. Whenever the amplitude of the signal is less than U_- , the train of the output pulses is interrupted.

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S/120/60/000/01/016/051

El92/E382

A Circuit for Instantaneous Control of a Sinusoidal Signal by
Determining its Minimum

Consequently, the problem of controlling the amplitude of the signal by its minimum value is equivalent to the problem of monitoring the continuity of the pulse train. This is done by the second univibrator and the bistable circuit (see the last four half-tubes in Figure 1). The operation of the device is as follows. The pulse train from the Schmitt trigger is converted into a train having pulses of equal duration; this is done by the first univibrator. The pulses obtained from this univibrator operate the second univibrator, which changes its state; this is visually recorded by the neon indicator Ne1. The time constant RC in the second univibrator is chosen in such a way that, provided the pulse train is continuous, the univibrator is permanently in its unstable state. However, the value of RC should be such that if only one pulse is lost, the univibrator returns to its stable state. When the changeover to the stable state occurs, the bistable circuit is triggered and its neon indicator Ne2 is ignited and a pulse is sent to a suitable control

Card2/3

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LEVINSON, A.M.; Prinimali uchastiye: ZIGBERMAN, D.I.; TYMINSKAYA, S.Yu.;
ETKIN, Ye.I.; BARGER, I.B.; SLAVSKIY, G.N.

Dynamic balancing of flexible tubular rolls. Bumagodel. mash.
no.8:158-163 '60. (MIRA 14:3)

1. Nauchno-issledovatel'skiy institut po proyektirovaniyu buma-
godelatel'nykh mashin (for Zigberman, Tyminskaya, Etkin). 2. Lenin-
gradskiy politekhnicheskiy institut im. Kalinina (for Barger, Slavskiy).
(Papermaking machinery) (Balancing of machinery)

S/194/61/000/010/061/082
D271/D301

9/25/60

AUTHOR:

Slavskiy, G.N.

TITLE:

Cascade wide band active low-frequency transistorized RC filters

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 10, 1961, 11, abstract 10 I77 (Nauchno-tekhn.
inform. byul. Leningr. politekhn. in-t, 1960, no. 9,
53-64)

TEXT: Methods of engineering design of miniature transistorized RC filters are put forward. RC filters make it possible to build a linear system which does not react to the direction of magnetic field, and is free of distortions caused by the saturation of magnetic cores by large signals. Intrinsic losses of RC filters in the pass band are compensated by transistors. Filter design is based on the synthesis in terms of transmission coefficient which contains Chebyshev polynomials least deviating from zero. This en-

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SLAVSKIY, G.N.

Low-frequency RC filters using transistors. Radiotekhnika 18 no.12:
(MIRA 17:1)
48-56 D '63.

1. Deystvitel'nyy chlen Nauchno-tehnicheskogo obshchestva radiotekhniki i elektrosvyazi imeni Popova.

L 8674-65 EWT(1)/EFC(b)-2/EWA(h)/EED-2 Feb ESD(c)/ASD(a)-5/AFETR/SSE/ESD(ga)/
ESD(t)/RAEM(t) 8/0108/64/019/008/0025/0035

ACCESSION NR: AF4043946

AUTHOR: Slavskiy, G. N. (Active member)

TITLE: Selective amplifiers with T-inductive and RC-type bridges in the feed-back circuit

SOURCE: Radiotekhnika, v. 19, no. 8, 1964, 25-35

TOPIC TAGS: amplifier, electronic amplifier, feedback amplifier, T-inductive feedback amplifier, RC-bridge amplifier, af amplifier

ABSTRACT: A theoretical analysis of an electronic amplifier with a bridge in the negative-feedback loop operating near resonance conditions is submitted. The behavior of a loaded (with R or RC) inductive T-bridge, its matching conditions, and its transfer constant, including the case of a slight unbalance, are considered. Formulas for calculating a T-bridge-feedback amplifier are developed by the method of matrix calculus; a formula for the maximum gain of such an amplifier was corroborated by experiments with a discrepancy of 10%. A five P16-transistor selective 5-ke amplifier was built on the theory developed in the article. It occupies 60 cm³; its gain and Q = 200 stay within $\pm 10\%$ and the

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ACCESSION NR: AP4043946

resonant frequency within 1% over a wide temperature variation, thanks to an
MMT-1 thermistor introduced for temperature compensation. Orig. art. has:
8 figures and 34 formulas.

ASSOCIATION: Nauchno-tehnicheskaya obshchentvo radiotekhniki i elektrosvyazi
(Scientific and Technical Society of Radio Engineering and Electrocommunication)

SUBMITTED: 22 May 63

ENCL: 60

SUB CODE: EJ

NO REF Sov: 002

OTHER: 001

Card 2/2

SLAVSKIY, I., kapitan; SAMOYLOV, R., leytenant

Setting up a radio relay station in win er. Voen. vest. 41
no.1:95-97 Ja '62. (MIRA 16:11)

U.S. EDITION AID P - 3275

Subject : USSR/Mining

Card 1/1 Pub. 78 - 5/24

Authors : Tagiyev, E. I., D. D. Barkan, V. M. Slavskiy, F. F. Voskresenskiy,
G. D. VyskrebtsovTitle : Influence of vibrations on the speed of rotary drilling of hard
formations by a three-cutter bit

Periodical : Neft. khoz., v. 33, #9, 20-28, S 1955

Abstract : At the All-Union Scientific Research Institute of Oil Drilling
(VNIIburneft'), tests have been made to determine the influence
of forced vertical vibrations on the drilling speed of bits. An
empirical formula has been devised in which the increase in speed
of rotary drilling of hard formations by three-cutter bits due
to forced vertical vibrations is calculated as a function of the
parameters of the vibrator, the kind of drilling operations, the
diameter of the bit, and specific properties of the drilled for-
mations. Diagram, charts.

Institution : None

Submitted : No date

200-747-6741.

BARKAN, D.D.; VOSKRESENSKIY, F.F.; VYSKREBTSOV, G.D.; SLAVSKIY, V.M.;
TAGIYEV, E.I.

Effect of vibrations on footage drilled by a single bit.
Neft. khoz. 35 no.10:17-20 O '57. (MIRA 11:1)
(Boring machinery--Vibration)

VOSKRESENSKIY, Fedor Fedorovich; KICHIGIN, Anatoliy Valentinovich; SLAVSKIY, Vasilii Mikhaylovich; SLAVSKIY, Yuryi Nikolayevich; TAGIYEV, Eyyub Izzmailovich; DUBROVINA, N.D., vedushchiy red.; FEDOTOVA, I.G., tekhn. red.

[Vibration and combination drilling] Vibratsionnoe i udarno-vrashchatel'noe burenie. By F.F.Voskresenskii i dr. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 243 p.

(MIRA 14:9)

(Boring)

SLAVSKIY, V.M.

ASAMBURI, A.Q., IOANNESIAN, R.A., KARAYEV, A.K., KACHLISHVILI, K.Z.,
KULIYEV, S.M., MACHINSKIY, N.D., OSTROVSKIY, A.P., SLAVSKIY, V.M.,
TINOFKETEV, N.S.,

Problems of deep-drilling

Report to be submitted for the Sixth World Petroleum Congress,
Frankfurt, 16-26 June 63

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ANDREYEV, A.V.; NAZAROV, V.I.; SLAVSKIY, V.M.

Results of field tests of bits with sliding supports when drilling
with hydraulic percussion tools. Mash. i neft. oboz. no. 2:4-8 '65.
(MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut burovoy tekhniki.

SLAVSKY, V.P.; NORGALINOV, R.M.

Investigating the wear resistance of the valve unit of a hydraulic-
percussion device. Trudy VNIIET no.14±165-175 '65. (MIRA 18±5)

SLAVSKIY, V.M.; NAZAROV, V.I.

Developing a vibrational method for drilling wells. Trudy VNIIIBT
no.10:29-39 '63. (MIRA 17:4)

ACC NR: AP6026424

SOURCE CODE: UR/0375/66/000/005/0068/0073

AUTHOR: Slavskiy, V. V. (Candidate of Technical Sciences); Pavlov, P. P. (Candidate of Technical Sciences)

ORG: None

TITLE: Superconductivity and its use in engineering

SOURCE: Morskoy sbornik, no. 5, 1966, 68-73

TOPIC TAGS: superconductivity, shipbuilding engineering, antifriction bearing, electric generator, electric motor, electromagnetic propulsion, transformer

ABSTRACT: Superconductivity, a relatively recent discovery (1911 by Dutch Physicist Heike Kamerlingh-Danes) has become exceedingly important in recent years, and superconductors have a great future in solving many technical problems because new superconducting materials with high critical parameters have made it possible to create a variety of technical devices and instruments. Those areas in which superconductors have received recognition by having been put to practical use, and which can be used in shipbuilding, are discussed in detail. Certain of these areas are frictionless end bearings, superconducting power transformers, superconductive electrical generators and motors, and electromagnetic propellers. The burgeoning development of research in this field makes possible the suggestion that present obstacles will be

Card 1/2

VOSKRESENSKIY, Fedor Fedorovich; KICHIGIN, Anatoliy Valentinovich; SLAVSKIY, Vasiliy Mikhaylovich; SLAVSKIY, Yuriy Nikolayevich; TAGIYEV, Eyyub Izmailovich; DUBROVINA, N.D., vedushchiy red.; FEDOTOVA, I.G., tekhn. red.

[Vibration and combination drilling] Vibratsionnoe i udarno-vrashchatel'noe burenie. By F.F.Voskresenskii i dr. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 243 p.
(MIRA 14:9)

(Boring)

VOSKRESENSKIY, F.F.; SLAVSKIY, Yu.N.

New device for drilling deep holes. Razved. i okh. nedr 27 no.1:
23-26 Ja '61. (MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut burovoy tekhniki.

SLAVUTA, I.

At construction sites on collective farms. Prof.-tekh. obr. 13 no.10:
14 0 '56. (MLRA 9:11)

1. Direktor tekhnicheskogo uchilishcha no.4, Kiyevskaya oblast'.
(Collective farms) (Building trades--Study and teaching)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651310016-7

SLAVUTIN, V. N., Inventor.

Device for hermetic sealing of high-speed shafts of centrifugal compressors. Energomashinostroyenie Ll no.4122-27 Ap '65.
(MIRA 18:6)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651310016-7"

MAZURIN, O.V.; YEVSTROP'YEV, K.S., prof., red.; SLAVUTINA, N.E., red.;
FOMKINA, T.A., tekhn.red.

[Electrical properties of glass; domain of weak fields]
Elektricheskie svoistva stekla. Leningrad, 1962, 161 p.
(Leningrad. Tekhnologicheskii institut. Trudy, no.62).
(MIRA 15:11)

(Glass—Electric properties)
(Electric insulators and insulation)

GUDIMOVA, A.L.; SLAVUTSKAYA, B.I.

Readers' conferences. The Zaporozh'ye Province Section of
the All-Union Society of Hygienists and Sanitary Physicians.
(MIRA 15:3)
Gig. i san. 26 no.9:101-102 S '61.
(PUBLIC HEALTH--PERIODICALS)

SHCHUKAREV, S.A.; TOLMACHEVA, T.A.; SLAVUTSKAYA, G.M.

Thermal dissociation of platinum iodides. Zhur. neorg. khim.
9 no.11:2501-2506 N '64 (MIRA 18:1)

1. Leningradskiy gosudarstvennyy universitet imeni Zhdanova,
Kafedra neorganicheskoy khimii.

SLAVUTSKAYA, I. A.

Slavutskaya, I. A. -- "Comparative Investigation of the Extensibility and Hardness of Muscles as an Index of Changes in Muscular Tonus." Moscow City Pedagogical Inst imeni V. P. Potemkin. Chair of Human and Animal Physiology. Moscow, 1956. (Dissertation For the Degree of Candidate in Biological Sciences).

So: Knizhnaya Letopis', No. 11, 1956, pp 103-114

SIAVUTSKAYA, I.A.

Method of measuring muscle tone in animals. Biul. eksp. i med. 46 no.11:
121-123 N '58. (MIRA 12:1)

1. Iz kafedry fiziologii cheloveka i zhivotnykh (zav. - prof. A.N. Kabanoy) Moskovskogo gorodskogo pedagogicheskogo instituta imeni V. P. Potemkina. Predstavlena deystvit'nym chlenom AMN SSSR V. V. Parinym.
(MUSCLES, physiol.
tonus, measurement in animals (Rus))

SLAV TSKAYA, I.A.

Changes of the muscle tone in children under the effect of
physical education classes. Uch. zap. MGPI no.168:207-214
'62. (MIRA 19:2)

YAKUBOVICH, I.A.; PASKHIN, N.P.; VILYANSKIY, M.P.; BABIN, S.Ye.; SLAVUTSKAYA, M.I.; Prinimali uchastkiye: PARADNYA, P.I.; RUPNEVSKAYA, M.L.; PURISMAN, V.I.; LEONOVA, I.F.; PACHKOV, A.S.; BACHURINA, K.M.; FECHIN, M.I.; YUKSINA, L.A.; FONOMAREV, Yu.F.; DYMOWICH, Ye.I.; PIKUSOVA, R.A.

Production and use of synthetic water-soluble polyacrylamide adhesives. Ferra. i spirt.prom. 30 no.8:32-34 '64.

(MIRA 18:1)

1. Moskovskiy likero-vodochnyy zavod.

SLAVUTSKAYA, N.I.; RUFNEVSKAYA, M.I.

Use of sulfonol in bottle washing. Ferm. i spirit.prom. 31 no.5:25-26
'65. (MRA 18:8)

PA Inf/Int'l

SLAVUTSKAYA, S. M.

USER/Medicine - Typhus
Medicine - Blood Circulation

Jun 48

"The Circulation Rate in Patients Afflicted With
Exanthematos Typhus," S. M. Slavutskaya, Infection
Sec., Second City Clinical Hosp and Clinic of In-
fectious Diseases, Second Moscow State Med Inst
Imeni Stalin, 4 pp

"Klin Med" Vol XXVI, No 6

Report of observations. Tabulates circulation rates
of normal persons and typhus cases of various age
groups. Concludes that circulation is criterion of
functional defects in cardiovascular system. Circu-

14/49T61

USER/Medicine - Typhus (Contd)

Jun 48

Lation rate is inhibited by typhus. Manganese
method in checking circulation rate is accurate,
safe and simple.

14/49T61

SLAVUTSKIY, A.

Struggling for metals. Izobr.i rats. no.11:14-17 N '58.
(MIRA 11:12)
(Magnitogorsk--Metallurgy)

SLAVUTSKIY, A. K.

"Certain Problems of Using Asphalt-Concrete Blocks
for City Pavements." Thesis for degree of Cand.
Technical Sci. Sub 19 Apr 49, Academy of Communal
Economy imeni K. D. Pamfilov.

Summary 82, 18 Dec 52, Dissertations Presented
For Degrees in Science and Engineering in Moscow
in 1949. From Vechernaya Moskva, Jan-Dec 1949.

KOROVNIKOV, B.D.; SLAVUTSKIY, A.K.

[Asphalt concrete] Asfal'tovyj beton. Moskva, Izd-vo dorozhno-tehn.
lit-ry, 1953. 49 p.

(MLRA 8:5)

(Asphalt concrete)

PISAREVICH, I.N., inzhener; SLAVUTSKIY, A.K., kandidat tekhnicheskikh nauk.
nauchnyy redaktor.

[Construction of railroads and commercial highways] Stroitel'stvo
sheleznykh i avtomobil'nykh promyshlennyykh dorog. Moskva, Gos. izd-vo
lit-ry po stroitel'stvu i arkhitekture, 1954. 310 p. (MLRA 7:6)
(Railroads--Construction) (Road construction)

Slavutskiy, Aleksandr Kel'Manovich

EPP
.R92707

Stroitel'stvo Sel'skikh Dorog
(Construction of Rural Roads)

Moskva, Avtotransizdat, 1955.

273 (1) P. Illus., Diagrs., Tables.

At head of cover title: Biblioteka Stroitelya Mestnykh Dorog.

Literatura: P. (274)

SLAVUTSKIY, A.K., inzhener.

Participation of machine-tractor stations in the construction of
rural roads; discussion. Avt.dor. 18 no.1:9-10 Ja-F '55.
(Road construction)(Machine-tractor stations) (MIRA 8:4)

IVANOV, Nikolay Nikolayevich, doktor tekhnicheskikh nauk, professor;
SLAVUTSKIY, A.K., redaktor; KOGAN, F.L., tekhnicheskiy redaktor.

[Construction of automobile roads] Stroitel'stvo avtomobil'nykh
dorog. Moskva, Nauchno-tekhnicheskoe izd-vo avtotransp.lit-ry.
Pt.2. [Road surfacing] Postroika dorozhnykh odezhd. 1957. 337 p.
(MIRA 10:11)

(Road construction)

KRUTETSKIY, Yevgeniy Vladimirovich, dots.; POLIVANOV, Nikolay Ivanovich,
dots., kand.tekhn.nauk; SIAVUTSKIY Aleksandr Kal'manovich, dots.,
kand.tekhn.nauk; KHRISTENKO, V.P., red.; KONYASHINA, A.D., tekhn.
red.

[Roads and bridges] Dorogi i mosty. Izd. 2-oe, ispr. i perer. Pod
obshchei red. E.V.Krutetskogo. Moskva, Izd-vo M-va kommun. khoz.
RSFSR, 1957. 442 p. (MIRA 11:2)

(Road construction) (Bridge construction)

1) НАУЧНО-ПРАКТИЧЕСКАЯ
КОЗЛОВСКИЙ, Б.К.; НЕКРАСОВ, Владимир Константинович,
канд.техн.наук; СЛАВУТСКИЙ, А.К., инж., научный ред.; УДОД, В.Я.,
ред.изд-ва; ЕЛ'КИН, Е.М., техн.ред.

[Handbook for builders of automobile roads for industrial
enterprises] Spravochnik stroitelei avtomobil'nykh dorog
promyshlennyykh predpriatii. Moskva, Gos.izd-vo lit-ry po
stroit., arkhit. i stroit. materialam, 1958. 339 p.
(Road construction) (MIRA 11:6)

SLAVUTSKIY, A.

Important measures for improving rural roads in the U.S.S.R.
Avt.dor. 21 no.3:30 Mr '58. (MIRA 11:3)
(Roads)

SLAVUTSKIY, Aleksandr Kel'manovich; ZUBKOVA, M.S., red.; GALAKTIONOVA,
Ye.N., tekhn.red.

[Constructing rural roads] Stroitel'stvo sel'skikh dorog.
Izd.2., perer. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'-
nogo transp. i shosseinykh dorog RSFSR, 1959. 268 p.

(MIRA 12:12)

(Road construction)

MERKULOV, Yefim Afanas'yevich; PETROV, Vyacheslav Konstantinovich [deceased];
SOSYANTS, Vasiliy Georgiyevich; YUDIN, Vasiliy Aleksandrovich;
Prinimali uchastiye: DUBROVIN, Ye.N.; SLAVUTSKIY, A.K.; BARKOVA,
Ye.A.; BLATNOV, M.D.; KUDRYAVTSEV, O.K.; SAMOYLOV, D.S.; FRIDLYAND,
A.G.. BRONSHTEYN, L.A., red.; RACHEVSKAYA, M.I., red.izd-va;
LELYUKHIN, A.A., tekhn.red.

[Urban transportation and street construction] Gorodskoi transport
i dorozhno-mostovoe khoziaistvo. Moskva, Izd-vo M-va kommun.khoz.
RSFSR, 1959. 473 p. (MIRA 12:8)

1. Sotrudniki Akademii communal'nogo khozyaystva im. K.D.Pamfilova
(for Barkova, Blatnov, Kudryavtsev, Samoylov, Fridlyand).
(Transportation) (Streets)

SLAVUTSKIY, A.K., kand.tekhn.nauk

Norms for designing rural roads and recommended types of
pavements. Avt.dor. 23 no.7:21-23 J1 '60.

(MIRA 13:7)

(Roads—Design) (Pavements)

SLAVUTSKIY, Aleksandr Kel'manovich; CHVANOV, V.G., red.; OVSYANNIKOVA, Z.G., red. izd-va; VORONINA, R.K., tekhn. red.

[Local materials in the building of automobile roads] Mest-
nye materialy v stroitel'stve avtomobil'nykh dorog. Moskva,
Gos.izd-vo "Vysshiaia shkola," 1961. 121 p. (MIRA 15:2)
(Road materials)

ORESHKIN, Boris Mikhaylovich, dots., kand. tekhn. nauk; SLAVUTSKIY,
A.K., red.; KHRUSTALEVA, N.I., red. izd-va; GARINA, T.D.,
tekhn. red.

[Organization of earthwork in road construction] Organiza-
tsiya proizvodstva zemlianykh rabot pri stroitel'stve avto-
mobil'nykh dorog. Moskva, Gos. izd-vo "Vysshiaia shkola,"
1961. 242 p. (MIRA 15:3)
(Earthwork) (Road construction)

MERKULOV, Yefim Afanas'yevich, dots., kand. tekhn. nauk; DUBROVIN,
Yevgeniy Nikolayevich, dots., kand. tekhn. nauk; TURCHIKHIN,
Emmanuil Yakovlevich, dots., kand. tekhn. nauk; YUDIN, Vasiliy
Aleksandrovich, dots., kand. tekhn. nauk; Prinimali uchastiye:
SLAVUTSKIY, A.K., dots., kand. tekhn. nauk; ZAYTSEV, L.K., inzh.;
ZAMAKHAYEV, M.S., red.; OVSYANNIKOVA, Z.G., red. izd-vn

[Examples of the design of roads and public transportation systems
in cities] Primery proektirovaniia dorog i setei passazhirskogo
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vo "Vysshiaia shkola," 1962. 265 p. (MIRA 16:2)
(Road construction) (Rapid transit)

SLAVUTSKIY, Aleksandr Kel'manovich; BABKOV, V.F., doktor tekhn. nauk, prof., retsenzent; POLIVANOV, N.I., doktor tekhn.nauk, prof., retsenzent; KALUZHSKIY, Ya.A., doktor tekhn. nauk, prof., retsenzent; KRUTETSKIY, Ye.V., dots., red.; OVSYANNIKOVA, Z.G., red.izd-va; MURASHOVA, V.A., tekhn. red.

[Rural roads] Sel'skokhozistvennye dorogi. Moskva, Vysshiaia shkola, 1963. 466 p. (MIRA 16:6)
(Road construction)

BURLAY, P.F.; GENRITSY, G.Ye.; SOLOMIN, A.F.; SLAVUTSKIY, A.K.,
kand. tekhn. nauk, retsenzent; ANDRYEV, O.V., kand.
tekhn. nauk, retsenzent; ALEKSEYEV, A.P., inzh., red.

[Reference book for workers in the construction of rural
roads] Spravochnoe posobie stroiteliu sel'skikh dorog.
Moskva, Izd-vo "Transport," 1964. 331 p.

(MIRA 17:5)

SHAVITSKII, A.P.

Ball bearing

Machine for winding felt rings into housings and covers of ball bearings.
Vestn. zash. 31, no. 11, 1951.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASS.

SLAVUTSKIY, A.L.

Machine for cutting threads in nuts. Vest.mash. 33 no.5:73 My '53.
(MIRA 6:5)
(Screw-cutting machines)

SLAVUTSKIY, Arkadiy Ovseyevich

Praskov'ia Angelina. Moskva, Molodaia gvardiia, 1960. 237 p.
[Zhizn' zamechatel'nykh liudei. Seriia biografii, no.10 [300]).
(MIRA 14:2)
(Angelina, Praskov'ia Nikitichna, 1912-1959)

SLAVUTSKIY, Arkadiy Ovseyevich; KOROBOV, P.I., red.; KLAPTSOVA,
T.F., tekhn. red.

[Hot breath] Goriachee dykhanie. Moskva, "Sovetskaia Ross-
siia," 1963. 249 p. (MIRA 16:10)
(Magnitogorsk--Metalworkers)

SLAVUTSKIY, D.P.

Discontinue the production of canned food in excessive numbers of
grades. Kons.i ov.prom. 16 no.1:35-36 Ja '61. (MIRA 13:12)

1. Upravleniye Gosinspeksi po kachestvu tovarov Ministerstva
torgovli Moldavskoy SSR.
(Moldavia--Food, Canned)

SLAVENOKAYA, I.A.

Comparative study of muscle distensibility and hardness as indices of changes in the muscle tone. Th. Zap. MGPI 169:151-164
(MIRA 17:5)
'62.

MEL'NIKOV, I.G.; SLAVUTSKIY, I.Sh.

Two forgotten proofs of the quadratic law of reciprocity.
Trudy Inst.ist.est.i tekhn. 28:201-218 '59.
(MIRA 13:5)

(Numbers, Theory of)

16(1)
AUTHORS:

Kiselev, A.A., Slavutskiy, I.Sh.

SOV/20-126-6-10/67

TITLE:

On the Number of Classes of Ideals of a Quadratic Field and
its Rings.

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 6,
pp 1191 - 1194 (USSR)

ABSTRACT: Let $R(\sqrt{d})$ be a real quadratic field with the fundamental discriminant d , principal unit $E_1 = T_1 + U_1 \sqrt{d}$ and the number of ideal classes $h = h(d)$. Let p be a prime number and $p \nmid d$. The congruence

$$(1) \quad h \frac{\bar{U}_1}{p^1} = - \frac{\bar{T}_1}{2d(p-1)p^{1-1}} \sum_{u=0}^{d-1} \left(\frac{d}{u}\right)^B B_{(p-1)p^{1-1}} \left(\frac{u}{d}\right) \pmod{p^1}$$

is proved.

$$\left(1 - \left(\frac{d}{p}\right) \frac{1}{p}\right) p^1$$

Here it is $\bar{E}_1 = \bar{T}_1 + \bar{U}_1 \sqrt{d} = E_1$, $1 \geq 1$,
 $\left(\frac{d}{u}\right)$ the Kronecker symbol; $B_m(x)$ Bernoulli polynomial which is

Card 1/2

13

On the Number of Classes of Ideals of a Quadratic
Field and its Rings

SOV/20-126-6-10/67

defined by the symbolic equation $B_m(x) = (B + x)^m$ under the
assumption that the Bernoulli numbers satisfy the symbolic
relation $(B + 1)^k = B^k$, $k = 2, 3, \dots$, $B_0 = 1$.

The congruence (1) is obtained from the Dirichlet formula.
There are 10 references, 4 of which are Soviet, 3 German,
2 American, and 1 Swiss.

PRESENTED: February 28, 1959, by V.I. Smirnov, Academician
SUBMITTED: February 25, 1959

Card 2/2

85504

On the Number of Classes of Ideals of a
Real Quadratic Field

S/140/60/000/004/020/023 XX
C111/C222

the symbolic relation $B_{\frac{p-1}{2}}(x) = (B + x)^{\frac{p-1}{2}}$.

The author uses the methods of (Ref. 1,2) and obtains the following
generalization of (1) :

$$(2) \quad h \frac{U_1}{p^{1-1}} = - \frac{T_1}{n(p-1)} \left(\frac{n}{p} \right) \sum_{u=1}^n \left(\frac{e_n}{u} \right) \frac{1}{p^{1-1}} B_{\frac{p-1}{2}} p^{1-1} \left(\frac{u}{n} \right) \pmod{p^1}$$

where $E_1 = T_1 + U_1 \sqrt{d} = E^{p^{1-1}}$, $1 \geq 1$.

For the case of a negative discriminant an analogous relation was found
by Carlitz (Ref. 8).

Some interesting special cases can be obtained from (2). If e.g. $d = 4p$,
then it holds

Card 2/3

SLAVUTSKIY, I. Sh., Cand Phys-Math Sci -- "Arithmetical properties of a number of classes of ideal quadratic fields."
Len, 1961. (Len Order of Lenin State U im A. A. Zhdanov)
(KL, 8-61. 228)

- 46 -

SLAVUTSKIY, I.Sh.

Some comparisons for the class number of ideals of a real quadratic field with a simple discriminant. Uch.zap.Ped.inst.Gerts. 218:179-
189 '61. (MIRA 14:10)

(Numbers, Theory of) (Fields, Algebraic)

SLAVUTSKIY, I.Sh.

Approximate Voronoi - Grün comparison and the class-number of an
imaginary quadratic field. Trudy Nauch.ob'ed.prep. fiz.-mat.
fak.ped.inst.Dal'.Vost. 1:82-84 '62. (MIRA 17:3)

1. Khabarovskiy gosudarstvennyy pedagogicheskiy institut.

KISELEV, A.A.; SLAVUTSKIY, I.Sh.

Some congruences for the number of representations of an odd
number of squares by sums. Dokl. AN SSSR 143 no.2:272-274 Mr
'62. (MIRA 15:3)

1. Predstavleno akademikom V.I.Smirnovym.
(Congruences and residues)

SLAVUTSKIY, I. Sh. (Leningrad)

On irregular prime numbers. Acta arithmetica 8 no.2:123-125 '63.

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A generalization of the Zolotarev lemma. Rev math pures 8
no.3:455-457 '63.

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Upper bound and arithmetic calculation of the class-number ideals
of real quadratic fields. Izv. vys. ucheb. zav.; mat. no.2:161-165
'65. (MIRA 18:5)

SLAVUTSKIY, L., inzh.; KARMILOV, S., inzh.; RASS, F., inzh.

Using plastics in making wall panels. Zhil. stroi. no.11:13-16 N
'60. (MIRA 13:11)

(Plastics) (Walls)

SLAVUTSKIY, M.B.; SHALYT, Ye.S.

Mineralogy of the weathering surface of the Devladovo nickel
silicate ore deposit. Vop. min. osad. obr. 6:216-244 '61.
(MIRA 15:6)
(Krivoy Rog Basin--Nickel silicates)

SLAVUTSKIY, N. I.

32549. KARAVAEV, V. I. i SLAVUTSKIY, N. I. Uproshennaya nadstroyka brevnotaski.
Les. prom-st', 1946, No. 5, s. 22.

SC: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

KIREYEV, P.M.; LIFSHITS, G.I.; DIK, M.G.; BATRAKOV, V.I.; SLAVUTSKIY, N.I.,
inzh.; FRID, N.Ya.; SUDOPLATOV, G.A.; FAL'KOVICH, Ya.D., starshiy
tekhnolog

Worthy welcome to the 22d Congress of the CPSU. Khol. tekhn. 38
(MIRA 15:1)
no.4:5-13 Jl-4g '61.

1. Direktor Moskovskogo khladokombinata No.3 (for Kireyev).
2. Glavnnyy inzh. Moskovskogo khladokombinata No.3 (for Lifshits).
3. Glavnnyy inzh. Moskovskogo kholodil'nika No.9 (for Dik). 4. Glavnnyy
inzh. Moskovskogo kholodil'nika No.10 (for Batrakov). 5. Glavnnyy
inzh. Moskovskogo kholodil'nika No.12 (for Frid). 6. Direktor
Kiyevskogo kholodil'nika No.1 (for Sudoplatov).
(Refrigeration and refrigerating machinery)

SHISHOV, Yevgeniy Leonovich; TYURIN, Konstantin Mikhailovich, ~~S. V. VUTSEV~~,
S. M., otv. red.; SINYAVSKAYA, Ye.K., red.; ANDREYEV, S.P., tekhn. red.

[Ribbed reinforced concrete tubing for the lining of vertical mine
shafts] Zhelzobetonnye rebristye tiubingi dlia krepleniia vertikal'nykh
stvolov shakht. Khar'kov. Gos. nauchno-tekhn. izd-vo lit-ry
po chernoi i tsvetnoi metallurgii, 1958. 151 p. (MDEA 11:8)

(Mine timbering)

(Shaft sinking)

(Precast concrete construction)

VITRIK, D.I., red.; BESSMERTNYY, A.S., red.; DOROSHENKO, G.N., red.;
ZELINSKIY, V.M., red.; KOKSHENEV, B.G., red.; SLAVUTSKIY, S.M.,
red.; SHISHOV, Ye.L., red.; SHKABARA, M.N., doktor geolog.-
mineral.nauk, red.; VOLOVICH, M.Z., red.izd-va; BERKSLAVSKAYA,
L.Sh., tekhn.red.; NADEINSKAYA, A.A., tekhn.red.

[Studies in mine construction] Issledovaniia po shakhtnomy
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1. Kharkov. Vsesoyuznyy nauchno-issledovatel'skiy institut
organizatsii shakhtnogo stroitel'stva.
(Mining engineering)

BERNSHTEYN, S.A.; AKSEL'ROD, D.S.; SAVVINA, M.D.; SLAVUTSKIY, S.M.,
otv. red.; KRASOVSKIY, I.P., red. izd-va

[New, more waterproof types of concrete with lower consumption
of slag portland cement] Novye vidy betonov povyshennoi vodo-
nepronitsaemosti s ponizhennym raskhodom shlakoportland-tsementa;
informatsionnoe soobshchenie. Moskva, Gosgortekhizdat, 1962. 7 p.
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(Concrete)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651310016-7

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Hydromechanisation in the coal industry. Moskva, Ugletekhizdat, 1952. 250 p.
(54-1753E)

TW&13.N5

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651310016-7"

SLAVUTSKIY, S. V.

ALATORTSEV, S.A., prof., doktor tekhn.nauk; ANDREYEV, A.V., kand.tekhn.
nauk; ANCHAROV, I.L., inzh.; BALINSKIY, S.I., inzh.; BELOUSOV,
V.G., inzh.; VINNITSKIY, K.Ye., kand.tekhn.neuk; VLASOV, V.M.,
inzh.; VORONTSOV, N.P., kand.tekhn.nauk; GIPSMAN, M.K., inzh.;
GLUZMAN, I.S., kand.tekhn.nauk; GUR'YEV, S.V., kand.tekhn.nauk
[deceased]; DEMIN, A.M., kand.tekhn.nauk; YEGURNOV, G.P., kand.
tekhn.nauk; YEFIMOV, I.P., inzh.; ZHUKOV, L.I., kand.tekhn.
nauk; ZEL'TSER, N.M., inzh.; KOSACHEV, M.N., kand.tekhn.nauk;
KOTOV, A.F., inzh.; KUDINOV, G.P., inzh.; LAPOVENKO, N.A., kand.
tekhn.nauk; MAZUROK, S.F., inzh.; MEL'NIKOV, N.V.; MUDRIK, N.G.,
inzh.; NIKONOV, G.P., kand.tekhn.nauk; ORLOV, Ye.I., inzh.;
POTAPOV, M.G., kand.tekhn.nauk; PRISEDSKIY, G.V., inzh.;
RZHEVSKIY, V.V., prof., doktor tekhn.nauk; RYAKHIN, V.A., kand.
tekhn.nauk; SIMKIN, B.A., kand.tekhn.nauk; SITNIKOV, I.Ye., inzh.;
SOROKIN, V.I., inzh.; STASYUK, V.N., kand.tekhn.nauk; STAKHEVICH,
Ye.B., inzh.; SUSHCHENKO, A.A., inzh.; TYUTIN, I.F., inzh.;
TYMOVSKIY, L.G., inzh.; FISENKO, G.L., kand.tekhn.nauk; FURMANOV,
B.M., inzh.; SHATALEV, M.G., inzh.; SHESHKO, Ye.F., prof., doktor
tekhn.nauk; TERPIGOREV, A.M., glavnnyy red. [deceased];

(Continued on next card)

ALATORTSEV, S.A.---(continued) Card 2.
KIT, I.K., zamestritel' glavnogo red.; SHESKO, Ye.F., zamestritel'
otv.red.; BUGOSLAVSKIY, Yu.K., red.; BYKHOVSKAYA, S.N., red.;
DIONIS'YEV, A.I., kand.tekhn.nauk, red.; KOZIN, Yu.V., red.;
SOKOLOVSKIY, M.M., red.; YASTREBOV, A.I., red.; DEMIDYUK, G.P..
kand.tekhn.nauk, red.; KRIVSKIY, M.N., kand.tekhn.nauk, red.;
LYUBIMOV, B.N., inzh., red.; MOLOKANOV, P.L., inzh., red.; REISH,
A.K., inzh., red.; RODIONOV, L.Ye., kand.tekhn.nauk, red.; ~~S.A.~~
VUTSKIY, S.O., inzh., red.; TRAKHMAN, A.I., inzh., red.; TRYMOV-
SKIY, L.G., inzh., red.; FIDELEV, A.S., doktor tekhn.nauk, red.;
SHUKHOV, A.N., kand.tekhn.nauk, red.; TER-IZRAEL'YAN, T.G., red.
izd-va; PROZOROVSKAYA, V.L., tekhn.red.; KONDRAT'YEVA, M.A..
tekhn.red.

(Continued on next card)

ALATORTSEV, S.A.----(continued) Card 3.

[Mining; an encyclopedic dictionary] Gornoe delo; entsiklo-pedicheskii spravochnik. Glav.red.A.M.Terpigorev. Chleny glav. red.A.I.Baranov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu. Vol.10. [Mining coal deposits by the open-cut method] Razrabotka ugol'nykh mestorozhdenii otkrytym sposobom. Redkollegiia toma; N.V.Mel'nikov i dr. 1960. 625 p.

(MIRA 13:2)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Coal mines and mining) (Strip mining)

ANTONOV, V.A., kand.tekhn.nauk; SLAVUTSKIY, S.O., inzh.

Increase the reliability of equipment for hydraulic coal mining.
Mekh.i avtom.proizv. 16 no.7:46-48 Jl '62. (MIRA 15:8)
(Hydraulic mining--Equipment and supplies)

SHVERNIK, Aleksandr Mikhaylovich; SOKOLOV, Anatoliy Valentinovich;
POLUBELOV, Aleksey Sergeyevich; KISELEV, Georgiy Ivanovich;
BERNISHTEYN, Rafail Lazarevich; SLAVUTSKIY, Samuil Oskarovich;
NEVEL'SHTEYN, Yuriy Grigor'yevich; KONDRATENKO, Leonid
Fedorovich; LASKIN, Anatoliy Aronovich; LUR'YE, Zakhar
Solomonovich; MAKAROV, Vladimir Aleksandrovich; NOVOZHILOV,
M.G., retsentent; BILLICHENKO, N.Ya., retsentent; VARSHAVSKIY,
A.M., retsentent; TARTAKOVSKIY, B.N., retsentent. Prinimali
uchastkiye: ANTONOV, V.A., inzh.; VERBLYUNSKIY, Yu.I., inzh.;
ZEMSKOV, P.F., otv. red.

[Overall mechanization and automatic control in strip mines]
Kompleksnaia mekhanizatsiia i avtomatizatsiia na kar'eraakh.
Moskva, Nedra, 1964. 582 p. (MIRA 18:4)

TIMOSHENKO, G.M.; GRUBA, V.I.; LOGVINOV, N.G.; PERMYAKOV, N.G.; SLAVUTSKIY,
S.O.; SHMORIN, M.Ya.

Automation of technological processes in hydraulic mining. Ugol'
39 no.9:37-42 S '64. (MIRA 17:10)

1. Donetskiy politekhnicheskiy institut (for Timoshenko, Gruba,
Logvinov). 2. Ukrainskiy nauchno-issledovatel'skiy institut gidro-
dobyehi ugliya (for Permyakov). 3. Gosudarstvennyy proyektno-kon-
struktorskiy institut avtomatizatsii rabot v ugol'noy promyshle-
nosti (for Slavutskiy). 4. Vsesoyuznyy nauchno-issledovatel'skiy
i proyektno-konstruktorskiy institut dobychi ugliya gidravlicheskim
sposobom (for Shmorin).

SLAVUTSKIY, Samuil Oyzerovich; ANTONOV, Vladimir Alekseyevich;
TSVIRKO, Pavel Pavlovich. Prinimal uchastiye LIPMAN,
A.A., inzh.

[Open pit hydraulic mining operations] Otkrytye gornye ra-
botoy gidravlicheskim sposobom. Moskva, Nedra, 1965. 226 p.
(MIRA 18:10)

SLAVUTSKIY, Ya., inzh.; OSTRETSOV, V., inzh.; INSHAKOV, V., inzh.

Designs of large-panel apartment houses of the 1-468 and 1-468R
series. Zhil.stroi. no.5:13-16 My '60. (MIRA 13:7)
(Apartment houses)

SLAVUTSKIY, Ya. L. Cand. Biolog. Sci.

Dissertation: "Subordinative Changes in the Lability of Ne=420-Muscular
Synapses in a Human." Inst of Physiology, Acad Med Sci USSR, 13 May 47.

SO: Vechernyaya Moskva, May, 1947 (Project #17836).

SLAVUTSKIY, Ya.L.; ZHUCHENKO, D.G.

Bioelectric characteristics of the muscles in man in neural regeneration following anastomosis. Vopr. neirokhir 16 no. 2:42-48
(CLML 22:4)
Mar-Apr 1952.

1. Of the Laboratory of Physiology (Head -- Prof. V. S. Businov,
Corresponding Member AMS USSR) and of the Fifth Clinical Division
(Head -- Doctor Medical Sciences K. G. Terian), Institute of Neuro-
surgery imeni Academician N. N. Burdenko (Director -- Prof. B. G.
Yegorov, Corresponding Member AMS USSR), Academy of Medical Sciences
USSR.

SLAVUTSKIY, Ya.L.; BABAT, R.L.

Electrical activity of the brain in acute closed craniocerebral trauma.
Vop.neirokhir. 21 no.1:17-19 Ja-P '57. (MLRA 10:3)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut
neyrokhirurgii imeni akad. N.N.Burdenko Akademii meditsinskikh nauk
SSSR.

(BRAIN, wounds and inj.

EEG in closed inj.)

(ELECTROENCEPHALOGRAPHY, in various dis.
brain inj., closed)

BABAT, R.L.; SLAVUTSKIY, Ya.L.; SPIRIN, B.G.

Changes in the dynamics of basic cortical processes during the early stages following slight, closed trauma of the skull. Vop.neirokhir. 21 no.1:19-22 Ja-F '57. (MIRA 10:3)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neyrokhirurgii imeni akad. N.N.Burdenko Akademii meditsinskikh nauk SSSR.

(BRAIN, wounds and inj.
determin. of cortical funct. in light inj. by speech & motor reflexes)

(CEREBRAL CORTEX, physiol.
funct. determin. i light brain inj. by speech & motor reflexes)

SLAVUTSKIY, Ya.

USSR/Human and Animal Physiology - Neuro-Muscular
Physiology.

v-11

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4358
Author : T. Vinogradova, V. Gurfinkyl', Ya. Slavutskiy,
 B. Khodorov
Inst : Central Institute of Prosthetology
Title : A Physiological Analysis of Walking with an Artificial
 Limb after Removal of the Femur.
Orig Pub : In: 5-aya nauchnaya sessiya Tsentr. n.-i. in-ta protye-
 zir. i protyezostroyeniya, M., 1956, 155-169
Abstract : The use of a prosthesis after the shelling out of the
 femur is possible thanks to a series of compensatory
 mechanisms: unbending in the pelvo-femoral joint of
 the healthy leg simultaneously with the bending in the
 lumbar region of the vertebral column; increased

Card 1/2

USSR/Human and Animal Physiology - Neuro-Muscular
Physiology.

V-11

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4358

rotation of the pelvis in relation to the vertical axis which passes through the head of the femur of the healthy leg; lifting of the prosthetized side, the body being deviated towards the side of the healthy limb.

Card 2/2

POPOV, B.P., prof.; DIKKERT, G.A., inzh., red.; ABRIN, S.G., dotsent,
red.; KOBRINSKIY, A.Ye., doktor tekhn.nauk, red.; MOLODAYA,
Ye.K., prof., red.; ROSHCHIN, G.I., dotsent, red.; SLAVUTSKIY,
Ya.L., kand.biolog.nauk, red.; SHENK, N.A., prof., red.

[What one should know about prosthesis] Chto nuzhno znat' o
protezirovani. Moskva, M-vo sots.obespecheniya RSFSR, 1959.
66 p. (MIR 13:6)

(PROSTHESIS)

VINOGRADOVA, T.S.; starshiy nauchnyy sotrudnik; GURFINKEL', V.S., starshiy nauchnyy sotrudnik; SLAVUTSKIY, Ya.L., mladshiy nauchnyy sotrudnik

Electromyographic examinations in a prosthetic orthopedic clinic. Trudy Ukr. nauch.-issl. inst. ortop. i travm. no.15:
231-241 '59 (MIRA 16:12)

1. Iz TSentral'nogo nauchno-issledovatel'skogo instituta protezirovaniya i protezostroyeniya.

KOBRINSKIY, A.Ye.; BREYDO, M.G.; GURFINKEL', V.S.; POLYAN, Ye.P.;
SLAVUTSKIY, Ya.L.; SYSIN, A.Ya.; TSETLIN, M.L.; YAKOBSON, Ya.S.

Research on the development of bioelectric control systems.
Trudy Inst.mash.Sem.po teor.mash. 20 no.77:39-50 '59.
(MIRA 13:4)
(Electrophysiology)

SLAYUTSKY, Ya. T.

- report to be presented at the 1st Int'l Congress of the Int'l Federation of Automatic Control, 25 Jun-5 Jul 1956, Moscow, USSR.
1. DEDOV, M. I. - "Stability in electronic calculating devices in industrial form" in the solution of nonlinear equations in electronic computers.
2. KUZNETSOV, A. B. - "The calculating devices in optics for control of rolling-mill."
3. KUZNETSOV, V. N. - "Considering some problems of the organization of self-adjusting and self-teaching systems of automatic control, based on principles of random search."
4. DAVYDOV, S. I. - "Development of automatic control systems for boiler units."
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